

IN THE CLAIMS

1. (currently amended) A device for preventing the deposit of foreign bodies on guides (10) of the drawing ~~along and guiding the flats (7) of mobile flat cards, in which the depositing of foreign bodies on the guides (10) of the flats (7) is eliminated or at least hindered,~~ characterized in that said device comprising a the drive system for drawing along moving the flats (7) , in particular by means of the which includes guide wheels (9) and cogged belts (23), is which are equipped, in its closed development, with one or more scraping or cleaning elements (40, 41, 42) that eliminate the accumulation of foreign bodies from the guides (10), on which the resting elements of the flats (7) are ~~drawn along~~ moved.

2. (currently amended) The device for preventing the deposit of foreign bodies on guides (10) of flats (7) ~~drawing along and guiding card flats according to Claim 1, characterized in that wherein~~ the scraping and/or cleaning elements are set in the bottom face of the ~~drive~~ cogged belt (23) for drawing which moves the flats along their active path on the guides (10) and are ,said scraping and/or cleaning elements being made up of blades (40) which projecting from the bottom face of the cogged belt (23), on the side opposite to the enlarged portions (24).

3. (currently amended) The device for preventing the deposit of foreign bodies on guides (10) of flats (7) ~~drawing along and guiding card flats according to Claim 2, characterized in that wherein~~ the blades (40) are set at right angles to the longitudinal direction of the cogged belt (23) or at an angle that is greater or less than 90°, in order to exert an action of displacement of the impurities foreign bodies removed as the blades pass

over the guides (10), towards the inside of the carding drum, or ~~else~~ towards the outside of said carding drum.

4. (currently amended) The device for preventing the deposit of foreign bodies on guides (10) of flats (7) ~~drawing along and guiding card flats~~ according to Claim 2, ~~characterized in that wherein~~ the blade (40) is inclined with respect to the direction ~~of in which motion~~ of the carding drum moves, in order to exert an action of detachment ~~of against~~ the layer of ~~impurities~~ foreign bodies, ~~with a rake against the impurities~~ that come up against said blade ~~it as the carding drum proceeds in its motion.~~

5. (currently amended) The device for preventing the deposit of foreign bodies on guides (10) of flats (7) ~~drawing along and guiding card flats~~ according to Claim 2, ~~characterized in that wherein~~ the blade (40) is inclined with respect to the direction ~~in which of motion~~ of the carding drum moves, in order to exert an pushing action ~~of pushing of the incoherent impurities~~, against said foreign bodies with an inclination that is in the same direction as the direction ~~of motion of in which~~ the carding drum moves.

6. (currently amended) The device for preventing the deposit of foreign bodies on guides (10) of flats (7) ~~drawing along and guiding card flats~~ according to Claim 2, ~~characterized in that wherein~~ the blade (40) has a V-shaped ~~transverse development~~ profile.

7. (currently amended) The device for preventing the deposit of foreign bodies on guides (10) of flats (7) ~~drawing along and guiding card flats~~ according to Claim 1, ~~characterized in that wherein~~ the cleaning elements comprise a scraping element (42), consisting of a plurality of rubber studs (42) arranged in a radial direction.

8. (currently amended) The device for preventing the

deposit of foreign bodies on guides (10) of flats (7)
~~drawing along and guiding card flats~~ according to Claim
1, ~~characterized in that wherein~~ the cleaning elements
comprise a cleaning element made up of a series of
bristle brushes (41) arranged along ~~the part of the~~
cogged belt (23) in a direction that faces its guide
(10).

9.(currently amended) The device for preventing the
deposit of foreign bodies on guides (10) of flats (7)
~~drawing along and guiding card flats~~ according to Claim
1, ~~characterized in that wherein~~ the scraping or cleaning
elements (40, 41, 42) are ~~prepared~~ separately and then
fixed to the bottom face of the drive belt (23).

10.(currently amended) The device for preventing the
deposit of foreign bodies on guides (10) of flats (7)
~~drawing along and guiding card flats~~ according to Claim
9, ~~characterized in that wherein~~ the different types of
scraping or cleaning elements (40, 41, 42) ~~of different~~
~~types~~ are used jointly on ~~one~~ and the same cogged belt,
~~combining in succession wherein~~ scraping elements of
different inclination, material and orientation ~~and~~
~~elements of removal of the scraped material are~~
successively disposed on said cogged belt.

11.(currently amended) The device for preventing the
deposit of foreign bodies on guides (10) of flats
~~(7) drawing along and guiding card flats~~ according to
Claim 1, ~~characterized in that wherein~~ the scraping or
cleaning elements (40, 41, 42) are set underneath
enlarged portions (24) of the cogged belts (23) in
positions corresponding to ~~each~~ a flat (7), and ~~in that~~
said enlarged portions all perform both ~~the~~ a function of
constraint with the flats and the function of drive
toothing in order to ~~provide~~ gripping, by means of ~~their~~
a protruding profile[[s]], ~~with~~ the toothed driving and
return-idler wheels (9), said enlarged portions (24)
being set apart from one another by a series of lower

portions (25).

12. The device for preventing the deposit of foreign bodies on guides (10) of flats (7) drawing along and guiding card flats according to Claim 1, ~~characterized in that~~ wherein the scraping or cleaning elements (40, 41, 42) are set in positions ~~corresponding opposite to the~~ constraint bodies (51, 55) for connection to the cogged belt (23), said constraint bodies (51, 55) ~~being provided with~~ forming cavities for to constraint ~~with the~~ pins (32) of ~~the~~ flats (7), and ~~being applied alternately to the belt with the sole function of constraints for the flats (7), and in that~~ and having alternately set ~~amongst the series of separate elements (51, 55) for constraint of the flats (7) is a series of~~ separate bodies (52) between said constraint bodies (51, 55) with profiles which ~~are~~ corresponding to the toothings of the guide wheels (9) and are designed to mesh with the said toothings of guide wheels (9), in order to transmit driving motion for circulation of ~~the mobile~~ flats (7).

13. The device for preventing the deposit of foreign bodies on guides (10) of flats (7) drawing along and guiding card flats according to Claim 12, ~~characterized in that~~ wherein the constraint bodies (51, 55) and the ~~toothings~~ separate bodies (52) are produced separately and then applied to the belt (23).